

PDR RID Report

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Document PDR

RID ID	PDR	111
Review	FOS	
Originator Ref		ACK #12
Priority	2	

Section NA

Page TC-2, TC-25, TC-26, TC-30 **Figure Table**

Category Name Design

Actionee HAIS

Sub Category

Subject Uplink Scheduling

Description of Problem or Suggestion:

Final scheduling assumes only one uplink contact is required to uplink each command load; no contingency uplinks are scheduled to accommodate missed uplink contacts.

Originator's Recommendation

A more prudent philosophy might be to schedule 3-4 uplink opportunities per command load, so if any requested upload contacts are rejected either during the scheduling period or during the active period, or late acquisition occurs, or scheduled uplinks are missed, contingency uplinks are already scheduled for a missed upload, to continue a previously interrupted partial upload, or to re-upload a previously incorrectly completed upload.

If fewer than a user-determined minimum number of uploads are available, the system should autonomously alert users to the problem, and support resolution (e.g. perhaps autonomously suggest when an additional upload contact can be requested, based on knowledge of the current TDRS contact schedule, HGA-TDRS view periods, GN site visibility, etc.).

GSFC Response by:

GSFC Response Date

HAIS Response by: D. Herring

HAIS Schedule 2/3/95

HAIS R. E. B. Moore

HAIS Response Date 1/20/95

The Planning and Scheduling subsystem design does not preclude the recommendation. The manner of scheduling load uplink opportunities may be defined by FOT procedure and is not restricted by the software design.

Status **Closed**

Date Closed 2/1/95

Sponsor **Johns**

***** **Attachment if any** *****